Refine Search

Search Results -

Terms	Documents
"training set" near "image data"	5

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

```
L13 and preprocess
```

Refine Search

Recall Text   Clear   Interrupt

Search History

DATE: Wednesday, February 23, 2005   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR			
L13	"training set" near "image data"	5	L13
L12	5,999,639.pn.	2	L12
L11	6,115,488.pn.	2	L11
L10	L6 and training near test	17	L10
L9	L6 training near test	1121	L9
L8	L6 and "training" near "image"	1	L8
L7	L6 and "training set" near "image data"	1	L7
L6	706/16.ccls.	295	L6
L5	5,479,573.pn.	2	L5
L4	5,729,661.pn.	2	L4
L3	5,842,189.pn.	2	L3
L2	10/017,015	2	L2
L1	10/016,616	1	L1

END OF SEARCH HISTORY

Hit List

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20020165837 A1

Using default format because multiple data bases are involved.

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   L7: Entry 1 of 1                          File: PGPB            Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165837
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020165837 A1

TITLE: Computer-aided image analysis

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:
NAME                        CITY                STATE     COUNTRY       RULE-47
Zhang, Hong                 Savannah            GA        US
Carls, Garry                Tybee Island        GA        US
Guberman, Shelija           Saratoga            CA        US

US-CL-CURRENT: 706/16;  382/156
```

Terms	Documents
L6 and "training set" near "image data"	1

Display Format: | - | | Change Format |

Previous Page   Next Page   Go to Doc#

Hit List

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 5751910 A

Using default format because multiple data bases are involved.

```
L8: Entry 1 of 1                    File: USPT           May 12, 1998

US-PAT-NO: 5751910
DOCUMENT-IDENTIFIER: US 5751910 A
** See image for Certificate of Correction **

TITLE: Neural network solder paste inspection system

DATE-ISSUED: May 12, 1998

INVENTOR-INFORMATION:
NAME                            CITY      STATE   ZIP CODE    COUNTRY
Bryant; Steven M.               Holley    NY
Loewenthal; Kenneth H.          Reston    VA
```

US-CL-CURRENT: 706/2; 382/145, 382/147, 382/157, 382/159, 706/16, 706/23, 706/912

Terms	Documents
L6 and "training" near "image"	1

Display Format: |-| Change Format

Hit List

Search Results - Record(s) 1 through 17 of 17 returned.

☐ 1. Document ID: US 20040236708 A1

Using default format because multiple data bases are involved.

```
L10: Entry 1 of 17                    File: PGPB          Nov 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040236708
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040236708 A1

TITLE: Cranial remodeling device database

PUBLICATION-DATE: November 25, 2004

INVENTOR-INFORMATION:
NAME                          CITY          STATE    COUNTRY      RULE-47
Littlefield, Timothy R.       Goodyear      AZ       US
Pomatto, Jeanne K.           Scottsdale    AZ       US

US-CL-CURRENT: 706/16
```

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 2. Document ID: US 20040230545 A1

```
L10: Entry 2 of 17                    File: PGPB          Nov 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040230545
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040230545 A1

TITLE: Method and apparatus for producing three dimensional shapes

PUBLICATION-DATE: November 18, 2004

INVENTOR-INFORMATION:
NAME                          CITY          STATE    COUNTRY      RULE-47
Littlefield, Timothy R.       Goodyear      AZ       US
Pomatto, Jeanne K.           Scottsdale    AZ       US
Kechter, George E.           Peoria        IL       US

US-CL-CURRENT: 706/16; 703/11
```

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐   3.   Document ID: US 20040186815 A1

L10: Entry 3 of 17   File: PGPB   Sep 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040186815
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040186815 A1

TITLE: Method for accommodating missing descriptor and property data while training neural network models

PUBLICATION-DATE: September 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stockfisch, Thomas P.	Escondido	CA	US	

US-CL-CURRENT: 706/16; 706/21

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐   4.   Document ID: US 20030140021 A1

L10: Entry 4 of 17   File: PGPB   Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030140021
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030140021 A1

TITLE: Method and system for remote electronic monitoring and mentoring of computer assisted performance support

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ryan, Michael	Bridgewater	NJ	US	
Methra, Munish	Gaithersburg	MD	US	
Wizemann, Michael	Bridgewater	NJ	US	

US-CL-CURRENT: 706/16

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐   5.   Document ID: US 20020165837 A1

L10: Entry 5 of 17   File: PGPB   Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165837
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020165837 A1

TITLE: Computer-aided image analysis

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Hong	Savannah	GA	US	
Carls, Garry	Tybee Island	GA	US	
Guberman, Shelija	Saratoga	CA	US	

US-CL-CURRENT: 706/16; 382/156

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 6. Document ID: US 20020128989 A1

L10: Entry 6 of 17   File: PGPB   Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128989
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020128989 A1

TITLE: Device and method for generating a classifier for automatically sorting objects

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Thess, Michael	Chemitz		DE	
Griebel, Michael	Bonn		DE	
Garke, Jochen	Bonn		DE	

US-CL-CURRENT: 706/16; 707/7

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 7. Document ID: US 6810368 B1

L10: Entry 7 of 17   File: USPT   Oct 26, 2004

US-PAT-NO: 6810368
DOCUMENT-IDENTIFIER: US 6810368 B1

TITLE: Mechanism for constructing predictive models that allow inputs to have

missing values

DATE-ISSUED: October 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pednault; Edwin Peter Dawson	Cortlandt Manor	NY		

US-CL-CURRENT: 703/2; 706/16, 706/25, 706/52

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D |

☐   8.   Document ID: US 6760715 B1

L10: Entry 8 of 17   File: USPT   Jul 6, 2004

US-PAT-NO: 6760715
DOCUMENT-IDENTIFIER: US 6760715 B1

TITLE: Enhancing biological knowledge discovery using multiples support vector machines

DATE-ISSUED: July 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barnhill; Stephen	Savannah	GA		
Guyon; Isabelle	Berkeley	CA		
Weston; Jason	New York	NY		

US-CL-CURRENT: 706/16; 706/12, 706/20, 706/25, 706/45

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D |

☐   9.   Document ID: US 6714925 B1

L10: Entry 9 of 17   File: USPT   Mar 30, 2004

US-PAT-NO: 6714925
DOCUMENT-IDENTIFIER: US 6714925 B1

TITLE: System for identifying patterns in biological data using a distributed network

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barnhill; Stephen	Savannah	GA		
Guyon; Isabelle	Berkeley	CA		

Weston; Jason   New York   NY

US-CL-CURRENT: 706/48; 706/16

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D: |

☐ 10. Document ID: US 6704717 B1

L10: Entry 10 of 17   File: USPT   Mar 9, 2004

US-PAT-NO: 6704717
DOCUMENT-IDENTIFIER: US 6704717 B1

TITLE: Analytic algorithm for enhanced back-propagation neural network processing

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tate; Brian Don	Escondido	CA		

US-CL-CURRENT: 706/15; 706/16, 706/25, 706/50

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D: |

☐ 11. Document ID: US 6324531 B1

L10: Entry 11 of 17   File: USPT   Nov 27, 2001

US-PAT-NO: 6324531
DOCUMENT-IDENTIFIER: US 6324531 B1

TITLE: System and method for identifying the geographic origin of a fresh commodity

DATE-ISSUED: November 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; Kim A.	Troy	ID		
Smith; Brian	Troy	ID		
Magnuson; Bernadene	Moscow	ID		

US-CL-CURRENT: 706/15; 356/73, 382/110, 706/16

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D: |

☐ 12. Document ID: US 6301573 B1

L10: Entry 12 of 17   File: USPT   Oct 9, 2001

US-PAT-NO: 6301573
DOCUMENT-IDENTIFIER: US 6301573 B1

TITLE: Recurrent training system

DATE-ISSUED: October 9, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McIlwaine; John C. C.	Roswell	GA		
McConnell; Matthew G. A.	Duluth	GA		

US-CL-CURRENT: 706/61; 706/16, 706/60

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 13. Document ID: US 5907834 A

L10: Entry 13 of 17   File: USPT   May 25, 1999

US-PAT-NO: 5907834
DOCUMENT-IDENTIFIER: US 5907834 A

TITLE: Method and apparatus for detecting a presence of a computer virus

DATE-ISSUED: May 25, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kephart; Jeffrey Owen	Yorktown Heights	NY		
Sorkin; Gregory Bret	New York	NY		
Tesauro; Gerald James	Croton-on-Hudson	NY		
White; Steven Richard	New York	NY		

US-CL-CURRENT: 706/20; 706/14, 706/16

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 14. Document ID: US 5870728 A

L10: Entry 14 of 17   File: USPT   Feb 9, 1999

US-PAT-NO: 5870728
DOCUMENT-IDENTIFIER: US 5870728 A

TITLE: Learning procedure for multi-level neural network

DATE-ISSUED: February 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yatsuzuka; Youtaro,	Kanagawa			JP
Enomoto; Masaru	Saitama			JP

US-CL-CURRENT: <u>706/25</u>; <u>706/16</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 15. Document ID: US 5835901 A

L10: Entry 15 of 17   File: USPT   Nov 10, 1998

US-PAT-NO: 5835901
DOCUMENT-IDENTIFIER: US 5835901 A

TITLE: Perceptive system including a neural network

DATE-ISSUED: November 10, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Duvoisin, III; Herbert	Orlando	FL		
Beck; Hal E.	Knoxville	TN		
Brown; Joe R.	Austin	TX		
Bower; Mark	Winder Park	FL		

US-CL-CURRENT: <u>706/19</u>; <u>706/16</u>, <u>706/25</u>, <u>706/31</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 16. Document ID: US 5809490 A

L10: Entry 16 of 17   File: USPT   Sep 15, 1998

US-PAT-NO: 5809490
DOCUMENT-IDENTIFIER: US 5809490 A

TITLE: Apparatus and method for selecting a working data set for model development

DATE-ISSUED: September 15, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guiver; John P.	Pittsburgh	PA		
Klimasauskas; Casimir C.	Sewickley	PA		

US-CL-CURRENT: <u>706/16</u>; <u>706/25</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 17. Document ID: US 5317676 A

L10: Entry 17 of 17   File: USPT   May 31, 1994

US-PAT-NO: 5317676
DOCUMENT-IDENTIFIER: US 5317676 A

TITLE: Apparatus and method for facilitating use of a neural network

DATE-ISSUED: May 31, 1994

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Austvold; Shawn M.   Rochester   MN
Bigus; Joseph P.   Rochester   MN
Henckel; Jonathan D.   Rochester   MN
Hospers; Paul A.   Rochester   MN

US-CL-CURRENT: 706/44; 706/16

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Terms	Documents
L6 and training near test	17

Display Format: | - | Change Format

Previous Page   Next Page   Go to Doc#

Hit List

Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20040013303 A1

Using default format because multiple data bases are involved.

L13: Entry 1 of 5   File: PGPB   Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040013303
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040013303 A1

TITLE: Facial classification of static images using support vector machines

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lienhart, Rainer W.	Santa Clara	CA	US	
Maydt, Jochen	Weinheim		DE	

US-CL-CURRENT: 382/224

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 2. Document ID: US 20020165837 A1

L13: Entry 2 of 5   File: PGPB   Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165837
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020165837 A1

TITLE: Computer-aided image analysis

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Hong	Savannah	GA	US	
Carls, Garry	Tybee Island	GA	US	
Guberman, Shelija	Saratoga	CA	US	

US-CL-CURRENT: 706/16; 382/156

`| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D|`

☐   3.   Document ID: DE 10110038 A1

L13: Entry 3 of 5   File: EPAB   Sep 19, 2002

PUB-NO: DE010110038A1
DOCUMENT-IDENTIFIER: DE 10110038 A1
TITLE: Automatic recognition and tracking of objects in image data in which a
training set can be autonomously expanded and the classifier re-trained to
recognize new objects and classifications

PUBN-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	COUNTRY
KRESEL, ULRICH	DE
WOEHLER, CHRISTIAN	DE

INT-CL (IPC): G06 K 9/64
EUR-CL (EPC): G06K009/66; G06T007/20

`| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D|`

☐   4.   Document ID: DE 10110038 A1

L13: Entry 4 of 5   File: DWPI   Sep 19, 2002

DERWENT-ACC-NO: 2002-714563
DERWENT-WEEK: 200278
COPYRIGHT 2005 DERWENT INFORMATION LTD
TITLE: Automatic recognition and tracking of objects in image data in which a
training set can be autonomously expanded and the classifier re-trained to
recognize new objects and classifications

INVENTOR: KRESSEL, U; WOEHLER, C

PRIORITY-DATA: 2001DE-1010038 (March 2, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 10110038 A1	September 19, 2002		005	G06K009/64

INT-CL (IPC): G06 K 9/64

`| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D|`

☐   5.   Document ID: WO 8809101 A, CA 1308486 C, DE 3875583 G, EP 313612 A, EP
313612 B1, JP 02500079 W, US 5086480 A

L13: Entry 5 of 5   File: DWPI   Nov 17, 1988

DERWENT-ACC-NO: 1988-338400
DERWENT-WEEK: 198847
COPYRIGHT 2005 DERWENT INFORMATION LTD
TITLE: Object identification by comparison of video image sub-array - using pixels
within min. rectangle to generate code book contg. head and background vectors
distinguished by flags

INVENTOR: SEXTON, G G; SEXTON, G

PRIORITY-DATA: 1987GB-0010737 (May 6, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 8809101 A	November 17, 1988	E	020	
CA 1308486 C	October 6, 1992		000	H04N007/13
DE 3875583 G	December 3, 1992		000	H04N007/13
EP 313612 A	May 3, 1989	E	000	
EP 313612 B1	October 28, 1992	E	014	H04N007/13
JP 02500079 W	January 11, 1990		000	
US 5086480 A	February 4, 1992		000	

INT-CL (IPC): G06K 9/46; H04N 7/13; H04N 7/137

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Terms	Documents
"training set" near "image data"	5

Display Format: [-] Change Format

Previous Page   Next Page   Go to Doc#

Refine Search

Search Results -

Terms	Documents
L27 and processor	42

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L28

[Refine Search]

[Recall Text]   [Clear]   [Interrupt]

Search History

DATE: Wednesday, February 23, 2005   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR			
L28	L27 and processor	42	L28
L27	L26 and kernel	62	L27
L26	L24 and training and testing	169	L26
L25	10/056,438	1	L25
L24	(preprocessing or pre-processing) and feature and class$8 and image near data and extract$6	1084	L24
L23	(preprocessing or pre-processing) and feature and class$8	4984	L23
L22	5649068.pn.	2	L22
DB=USPT; PLUR=NO; OP=OR			
L21	5649068.pn.	1	L21
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR			
L20	6,128,608.pn.	2	L20
L19	training adj set near processor	2	L19

L18	"training set" near processor and feature and class$2	0	L18
L17	"training set" near processor and (preprocessing or pre-processing) and feature and class$2	0	L17
L16	"training set" same processor and (preprocessing or pre-preprocesing) and feature and classes	10	L16
L15	"training set" near processor and (preprocessing or pre-preprocesing) and feature and classes	0	L15
L14	L13 and preprocess	0	L14
L13	"training set" near "image data"	5	L13
L12	5,999,639.pn.	2	L12
L11	6,115,488.pn.	2	L11
L10	L6 and training near test	17	L10
L9	L6 training near test	1121	L9
L8	L6 and "training" near "image"	1	L8
L7	L6 and "training set" near "image data"	1	L7
L6	706/16.ccls.	295	L6
L5	5,479,573.pn.	2	L5
L4	5,729,661.pn.	2	L4
L3	5,842,189.pn.	2	L3
L2	10/017,015	2	L2
L1	10/016,616	1	L1

END OF SEARCH HISTORY

Hit List

Search Results - Record(s) 1 through 42 of 42 returned.

☐ 1.   Document ID: US 20050017488 A1

Using default format because multiple data bases are involved.

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L28: Entry 1 of 42                      File: PGPB          Jan 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050017488
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050017488 A1

TITLE: Weight measuring systems and methods for vehicles

PUBLICATION-DATE: January 27, 2005

INVENTOR-INFORMATION:
NAME                    CITY                STATE   COUNTRY     RULE-47
Breed, David S.         Boonton Township    NJ      US
DuVall, Wilbur E.       Kimberling City     MO      US
Johnson, Wendell C.     Signal Hill         CA      US

US-CL-CURRENT: 280/735
```

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 2.   Document ID: US 20040209237 A1

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L28: Entry 2 of 42                      File: PGPB          Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040209237
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040209237 A1

TITLE: Methods and apparatus for characterization of tissue samples

PUBLICATION-DATE: October 21, 2004

INVENTOR-INFORMATION:
NAME                    CITY            STATE   COUNTRY     RULE-47
Flewelling, Ross F.     Oakland         CA      US
Costa, Peter J.         Hudson          MA      US
Sum, Stephen T.         Waltham         MA      US
Schomacker, Kevin T.    Maynard         MA      US
Jiang, Chunsheng        Reading         MA      US
```

Clune, Thomas R.   Ashburnham   MA   US

US-CL-CURRENT: <u>435</u>/<u>4</u>; <u>600</u>/<u>315</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 3. Document ID: US 20040197012 A1

L28: Entry 3 of 42   File: PGPB   Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040197012
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040197012 A1

TITLE: Method for on-line machine vision measurement, monitoring and control of organoleptic properties of products for on-line manufacturing processes

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bourg, Wilfred Marcellien JR.	Melissa	TX	US	
Bresnahan, Steven Andrew	Plano	TX	US	
Martin, Paul Allan	Celina	TX	US	

US-CL-CURRENT: <u>382</u>/<u>110</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 4. Document ID: US 20040190092 A1

L28: Entry 4 of 42   File: PGPB   Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040190092
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040190092 A1

TITLE: Scanning device for coded data

PUBLICATION-DATE: September 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Silverbrook, Kia	Balmain		AU	
Lapstun, Paul	Balmain		AU	
Rusman, Jan	Balmain		AU	
Henderson, Peter Charles Boyd	Balmain		AU	
Moini, Alireza	Balmain		AU	
Yourlo, Zhenya Alexander	Balmain		AU	
Underwood, Matthew John	Balmain		AU	

Ridley, Nicholas Damon   Balmain   AU

US-CL-CURRENT: <u>358/539</u>; <u>358/474</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D

☐ 5.   Document ID: US 20040190085 A1

L28: Entry 5 of 42   File: PGPB   Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040190085
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040190085 A1

TITLE: Sensing device for coded data

PUBLICATION-DATE: September 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Silverbrook, Kia	Balmain		AU	
Lapstun, Paul	Balmain		AU	
Henderson, Peter Charles Boyd	Blamain		AU	
Moini, Alireza	Balmain		AU	
Yourlo, Zhenya Alexander	Balmain		AU	
Underwood, Matthew John	Balmain		AU	
Ridley, Nicholas Damon	Balmain		AU	
Rusman, Jan	Balmain		AU	

US-CL-CURRENT: <u>358/474</u>; <u>358/539</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D

☐ 6.   Document ID: US 20040151356 A1

L28: Entry 6 of 42   File: PGPB   Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040151356
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040151356 A1

TITLE: Method, system, and computer program product for computer-aided detection of
nodules with three dimensional shape enhancement filters

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Li, Qiang	Clarendon Hills	IL	US	
Doi, Kunio	Willowbrook	IL	US	

US-CL-CURRENT: 382/131

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
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☐ 7. Document ID: US 20040129478 A1

L28: Entry 7 of 42   File: PGPB   Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040129478
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040129478 A1

TITLE: Weight measuring systems and methods for vehicles

PUBLICATION-DATE: July 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Breed, David S.	Boonton Township	NJ	US	
DuVall, Wilbur E.	Kimberling City	MO	US	
Johnson, Wendell C.	Signal Hill	CA	US	

US-CL-CURRENT: 180/273; 280/735

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
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☐ 8. Document ID: US 20040091135 A1

L28: Entry 8 of 42   File: PGPB   May 13, 2004

PGPUB-DOCUMENT-NUMBER: 20040091135
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040091135 A1

TITLE: Method for on-line machine vision measurement, monitoring and control of
product features during on-line manufacturing processes

PUBLICATION-DATE: May 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bourg, Wilfred M. JR.	Melissa	TX	US	
Bresnahan, Steven A.	Plano	TX	US	
Haarsma, Gabe Jan	Houston	TX	US	
MacGregor, John F.	Dundas	TX	CA	
Martin, Paul Allan	Celina		US	
Yu, Honglu	Hamilton		CA	

US-CL-CURRENT: 382/110

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 9.   Document ID: US 20040045758 A1

L28: Entry 9 of 42   ·File: PGPB   Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040045758
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040045758 A1

TITLE: Method for controlling output of a classification algorithm

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Breed, David S.	Boonton Township	NJ	US	
Chen, Tie-Qi	Windsor	MI	CA.	
Piirainen, Ray	Romeo		US	

US-CL-CURRENT: 180/271; 702/127

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 10.   Document ID: US 20030227382 A1

L28: Entry 10 of 42   File: PGPB   Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030227382
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030227382 A1

TITLE: Low power remote asset monitoring

PUBLICATION-DATE: December 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Breed, David S.	Boonton Township	NJ	US	

US-CL-CURRENT: 340/539.13; 340/568.1

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 11.   Document ID: US 20030209893 A1

L28: Entry 11 of 42   File: PGPB   Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030209893

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030209893 A1

TITLE: Occupant sensing system

PUBLICATION-DATE: November 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Breed, David S.	Boonton Township	NJ	US	
DuVall, Wilbur E.	Kimberling City	MO	US	
Johnson, Wendell C.	Signal Hill	CA	US	

US-CL-CURRENT: 280/735; 701/45

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D |

□ 12.   Document ID: US 20030185450 A1

L28: Entry 12 of 42   File: PGPB   Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030185450
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030185450 A1

TITLE: Method and apparatus for acquisition, compression, and characterization of spatiotemporal signals

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Garakani, Arman M.	Cambridge	MA	US	
Hack, Andrew A.	Prides Crossing	MA	US	
Roberts, Peter	Dedham	MA	US	
Walter, Sean	Needham	MA	US	

US-CL-CURRENT: 382/232

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D |

□ 13.   Document ID: US 20030149603 A1

L28: Entry 13 of 42   File: PGPB   Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030149603
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030149603 A1

TITLE: System and method for operating a non-linear model with missing data for use

in electronic commerce

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ferguson, Bruce	Round Rock	TX	US	
Hartman, Eric	Austin	TX	US	

US-CL-CURRENT: 705/7; 706/22

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Di |

☐ 14. Document ID: US 20030140023 A1

L28: Entry 14 of 42   File: PGPB   Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030140023
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030140023 A1

TITLE: System and method for pre-processing input data to a non-linear model for use in electronic commerce

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ferguson, Bruce	Round Rock	TX	US	
Hartman, Eric	Austin	TX	US	

US-CL-CURRENT: 706/21; 706/15

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 15. Document ID: US 20020165837 A1

L28: Entry 15 of 42   File: PGPB   Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165837
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020165837 A1

TITLE: Computer-aided image analysis

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Hong	Savannah	GA	US	

Carls, Garry   Tybee Island   GA   US
Guberman, Shelija   Saratoga   CA   US

US-CL-CURRENT: 706/16; 382/156

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 16.   Document ID: US 20020151992 A1

L28: Entry 16 of 42   File: PGPB   Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020151992
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020151992 A1

TITLE: Media recording device with packet data interface

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hoffberg, Steven M.	West Harrison	NY	US	
Hoffberg-Borghesani, Linda I.	Acton	MA	US	

US-CL-CURRENT: 700/83; 700/17, 700/18, 700/86, 700/87

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 17.   Document ID: US 20020135618 A1

L28: Entry 17 of 42   File: PGPB   Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020135618
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020135618 A1

TITLE: System and method for multi-modal focus detection, referential ambiguity
resolution and mood classification using multi-modal input

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Maes, Stephane Herman	Danbury	CT	US	
Neti, Chalapathy Venkata	Yorktown Heights	NY	US	

US-CL-CURRENT: 715/767

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

□   18.   Document ID: US 6850252 B1

L28: Entry 18 of 42   File: USPT   Feb 1, 2005

US-PAT-NO: 6850252
DOCUMENT-IDENTIFIER: US 6850252 B1

TITLE: Intelligent electronic appliance system and method

DATE-ISSUED: February 1, 2005

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Hoffberg; Steven M.   West Harrison   NY   10994

US-CL-CURRENT: 715/716; 380/252, 715/719, 715/727

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

□   19.   Document ID: US 6775392 B1

L28: Entry 19 of 42   File: USPT   Aug 10, 2004

US-PAT-NO: 6775392
DOCUMENT-IDENTIFIER: US 6775392 B1

TITLE: Computer system linked by using information in data objects

DATE-ISSUED: August 10, 2004

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Rhoads; Geoffrey B.   West Linn   OR

US-CL-CURRENT: 382/100

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

□   20.   Document ID: US 6732064 B1

L28: Entry 20 of 42   File: USPT   May 4, 2004

US-PAT-NO: 6732064
DOCUMENT-IDENTIFIER: US 6732064 B1

TITLE: Detection and classification system for analyzing deterministic properties
of data using correlation parameters

DATE-ISSUED: May 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kadtke; James B.	La Jolla	CA		
Kremliovsky; Michael N.	San Diego	CA		

US-CL-CURRENT: 702/189

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 21.   Document ID: US 6700990 B1

L28: Entry 21 of 42   File: USPT   Mar 2, 2004

US-PAT-NO: 6700990
DOCUMENT-IDENTIFIER: US 6700990 B1

TITLE: Digital watermark decoding method

DATE-ISSUED: March 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rhoads; Geoffrey B.	West Linn	OR		

US-CL-CURRENT: 382/100

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 22.   Document ID: US 6681029 B1

L28: Entry 22 of 42   File: USPT   Jan 20, 2004

US-PAT-NO: 6681029
DOCUMENT-IDENTIFIER: US 6681029 B1

TITLE: Decoding steganographic messages embedded in media signals

DATE-ISSUED: January 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rhoads; Geoffrey B.	West Linn	OR		

US-CL-CURRENT: 382/100

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 23.   Document ID: US 6640145 B2

L28: Entry 23 of 42   File: USPT   Oct 28, 2003

US-PAT-NO: 6640145
DOCUMENT-IDENTIFIER: US 6640145 B2

TITLE: Media recording device with packet data interface

DATE-ISSUED: October 28, 2003

INVENTOR-INFORMATION:
NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Steven	West Harrison	NY	10604	
Hoffberg-Borghesani; Linda	Acton	MA	01720	

US-CL-CURRENT: 700/83; 700/17, 700/19, 700/23, 704/200, 704/201, 704/7, 709/200, 709/201, 709/202

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 24.   Document ID: US 6567533 B1

L28: Entry 24 of 42   File: USPT   May 20, 2003

US-PAT-NO: 6567533
DOCUMENT-IDENTIFIER: US 6567533 B1

TITLE: Method and apparatus for discerning image distortion by reference to encoded marker signals

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:
NAME	CITY	STATE	ZIP CODE	COUNTRY
Rhoads; Geoffrey B.	West Linn	OR		

US-CL-CURRENT: 382/100

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 25.   Document ID: US 6553129 B1

L28: Entry 25 of 42   File: USPT   Apr 22, 2003

US-PAT-NO: 6553129
DOCUMENT-IDENTIFIER: US 6553129 B1

TITLE: Computer system linked by using information in data objects

DATE-ISSUED: April 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rhoads; Geoffrey	West Linn	OR		

US-CL-CURRENT: 382/100

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D
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☐ 26. Document ID: US 6549646 B1

L28: Entry 26 of 42   File: USPT   Apr 15, 2003

US-PAT-NO: 6549646
DOCUMENT-IDENTIFIER: US 6549646 B1

TITLE: Divide-and-conquer method and system for the detection of lung nodule in radiological images

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yeh; Hwa-Young Michael	Potomac	MD		
Lin; Jyh-Shyan	Potomac	MD		
Lure; Yuan-Ming Fleming	Potomac	MD		
Xu; Xin-Wei	Gaithersburg	MD		
Li; Ruiping	Rockville	MD		
Zhuang; Rong Feng	Hyattsville	MD		

US-CL-CURRENT: 382/132; 382/157, 382/199, 382/203, 382/205, 382/257, 382/274

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D
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☐ 27. Document ID: US 6463438 B1

L28: Entry 27 of 42   File: USPT   Oct 8, 2002

US-PAT-NO: 6463438
DOCUMENT-IDENTIFIER: US 6463438 B1

TITLE: Neural network for cell image analysis for identification of abnormal cells

DATE-ISSUED: October 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Veltri; Robert W.	Oklahoma City	OK		
Ashenayi; Kaveh	Tulsa	OK		
Hu; Ying	Tulsa	OK		

O'Dowd; Gerard J.   Edmond   OK

US-CL-CURRENT: 1/1

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 28.   Document ID: US 6400996 B1

L28: Entry 28 of 42   File: USPT   Jun 4, 2002

US-PAT-NO: 6400996
DOCUMENT-IDENTIFIER: US 6400996 B1

TITLE: Adaptive pattern recognition based control system and method

DATE-ISSUED: June 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Steven M.	West Harrison	NY	10994	
Hoffberg-Borghesani; Linda I.	Acton	MA	01720	

US-CL-CURRENT: 700/83; 370/218, 370/355, 700/17, 700/24, 700/25, 700/86, 700/87, 709/223, 709/227, 715/810, 715/840, 715/841, 718/102, 719/318

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 29.   Document ID: US 6381341 B1

L28: Entry 29 of 42   File: USPT   Apr 30, 2002

US-PAT-NO: 6381341
DOCUMENT-IDENTIFIER: US 6381341 B1

TITLE: Watermark encoding method exploiting biases inherent in original signal

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rhoads; Geoffrey B.	West Linn	OR		

US-CL-CURRENT: 382/100

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 30.   Document ID: US 6310967 B1

L28: Entry 30 of 42   File: USPT   Oct 30, 2001

US-PAT-NO: 6310967
DOCUMENT-IDENTIFIER: US 6310967 B1

TITLE: Normal and abnormal tissue identification system and method for medical
images such as digital mammograms

DATE-ISSUED: October 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Heine; John J.	New Port Richey	FL		
Clarke; Laurence P.	Temple Terrace	FL		
Deans; Stanley R.	Tampa	FL		
Stauduhar; Richard Paul	Kailua Kona	HI		
Cullers; David Kent	Menlo Park	CA		

US-CL-CURRENT: 382/128

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D

☐ 31.   Document ID: US 6112195 A

L28: Entry 31 of 42   File: USPT   Aug 29, 2000

US-PAT-NO: 6112195
DOCUMENT-IDENTIFIER: US 6112195 A

TITLE: Eliminating invariances by preprocessing for kernel-based methods

DATE-ISSUED: August 29, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Burges; Christopher John	Freehold	NJ		

US-CL-CURRENT: 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D

☐ 32.   Document ID: US 5920477 A

L28: Entry 32 of 42   File: USPT   Jul 6, 1999

US-PAT-NO: 5920477
DOCUMENT-IDENTIFIER: US 5920477 A

TITLE: Human factored interface incorporating adaptive pattern recognition based
controller apparatus

DATE-ISSUED: July 6, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Steven M.	Yonkers	NY	10701-1705	
Hoffberg-Borghesani; Linda I.	Acton	MA	01720	

US-CL-CURRENT: <u>382/181</u>; <u>382/190</u>, <u>700/83</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 33.   Document ID: US 5912986 A

L28: Entry 33 of 42   File: USPT   Jun 15, 1999

US-PAT-NO: 5912986
DOCUMENT-IDENTIFIER: US 5912986 A

TITLE: Evidential confidence measure and rejection technique for use in a neural network based optical character recognition system

DATE-ISSUED: June 15, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shustorovich; Alexander	Rochester	NY		

US-CL-CURRENT: <u>382/156</u>; <u>382/228</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 34.   Document ID: US 5903454 A

L28: Entry 34 of 42   File: USPT   May 11, 1999

US-PAT-NO: 5903454
DOCUMENT-IDENTIFIER: US 5903454 A

TITLE: Human-factored interface corporating adaptive pattern recognition based controller apparatus

DATE-ISSUED: May 11, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Linda Irene	Acton	MA	01720	
Hoffberg; Steven M.	West Harrison	NY	10604	

US-CL-CURRENT: <u>700/83</u>; <u>382/155</u>, <u>700/45</u>, <u>700/86</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 35.   Document ID: US 5867386 A

L28: Entry 35 of 42   File: USPT   Feb 2, 1999

US-PAT-NO: 5867386
DOCUMENT-IDENTIFIER: US 5867386 A

TITLE: Morphological pattern recognition based controller system

DATE-ISSUED: February 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Steven M.	Yonkers	NY	10701-1705	
Hoffberg-Borghesani; Linda I.	Acton	MA	01720	

US-CL-CURRENT: 700/83; 382/190, 382/203, 382/209

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 36.   Document ID: US 5774357 A

L28: Entry 36 of 42   File: USPT   Jun 30, 1998

US-PAT-NO: 5774357
DOCUMENT-IDENTIFIER: US 5774357 A

TITLE: Human factored interface incorporating adaptive pattern recognition based
controller apparatus

DATE-ISSUED: June 30, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Steven M.	West Harrison	NY	10604	
Hoffberg-Borghesani; Linda I.	Acton	MA	01720	

US-CL-CURRENT: 713/600; 348/110, 348/27, 348/734, 712/240, 712/245

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 37.   Document ID: US 5740268 A

L28: Entry 37 of 42   File: USPT   Apr 14, 1998

US-PAT-NO: 5740268
DOCUMENT-IDENTIFIER: US 5740268 A

TITLE: Computer-aided method for image feature analysis and diagnosis in
mammography

DATE-ISSUED: April 14, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nishikawa; Robert M.	Chicago	IL		
Ema; Takehiro	Westmont	IL		
Yoshida; Hiroyuki	Westmont	IL		
Doi; Kunio	Willowbrook	IL		

US-CL-CURRENT: 382/132; 382/130, 382/199, 382/266

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 38.   Document ID: US 5673332 A

L28: Entry 38 of 42   . File: USPT   Sep 30, 1997

US-PAT-NO: 5673332
DOCUMENT-IDENTIFIER: US 5673332 A

TITLE: Computer-aided method for image feature analysis and diagnosis in mammography

DATE-ISSUED: September 30, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nishikawa; Robert M.	Chicago	IL		
Ema; Takehiro	Westmont	IL		
Yoshida; Hiroyuki	Westmont	IL		
Doi; Kunio	Willowbrook	IL		

US-CL-CURRENT: 382/128; 382/132, 382/199, 382/260

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 39.   Document ID: US 5666434 A

L28: Entry 39 of 42   File: USPT   Sep 9, 1997

US-PAT-NO: 5666434
DOCUMENT-IDENTIFIER: US 5666434 A

TITLE: Computer-aided method for image feature analysis and diagnosis in mammography

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY

Nishikawa; Robert M.   Chicago   IL
Ema; Takehiro   Westmont   IL
Yoshida; Hiroyuki   Westmont   IL
Doi; Kunio   Willowbrook   IL

US-CL-CURRENT: <u>382/128</u>; <u>382/130</u>, <u>382/132</u>, <u>382/199</u>, <u>382/257</u>, <u>382/260</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 40.   Document ID: US 5598481 A

L28: Entry 40 of 42   File: USPT   Jan 28, 1997

US-PAT-NO: 5598481
DOCUMENT-IDENTIFIER: US 5598481 A

TITLE: Computer-aided method for image <u>feature</u> analysis and diagnosis in mammography

DATE-ISSUED: January 28, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nishikawa; Robert M.	Chicago	IL		
Ema; Takehiro	Westmont	IL		
Yoshida; Hiroyuki	Westmont	IL		
Doi; Kunio	Willowbrook	IL		

US-CL-CURRENT: <u>382/130</u>; <u>128/925</u>, <u>382/132</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 41.   Document ID: US 5442715 A

L28: Entry 41 of 42   File: USPT   Aug 15, 1995

US-PAT-NO: 5442715
DOCUMENT-IDENTIFIER: US 5442715 A

TITLE: Method and apparatus for cursive script recognition

DATE-ISSUED: August 15, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gaborski; Roger S.	Pittsford	NY		
Barski; Lori L.	Pittsford	NY		

US-CL-CURRENT: <u>382/187</u>; <u>382/156</u>, <u>382/173</u>, <u>382/229</u>

Full | Title | Citation | Front | Review | Classification | Date | Reference || Sequences || Attachments | Claims | KWIC | Draw D

☐   42.   Document ID: US 5341142 A

L28: Entry 42 of 42   File: USPT   Aug 23, 1994

US-PAT-NO: 5341142
DOCUMENT-IDENTIFIER: US 5341142 A

TITLE: Target acquisition and tracking system

DATE-ISSUED: August 23, 1994

INVENTOR-INFORMATION:

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Full | Title | Citation | Front | Review | Classification | Date | Reference || Sequences || Attachments | Claims | KWIC | Draw D

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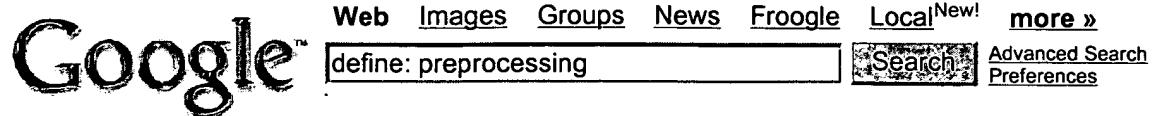IBM Technical Disclosure Bulletins

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Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR			
L28	L27 and processor	42	L28
L27	L26 and kernel	62	L27
L26	L24 and training and testing	169	L26
L25	10/056,438	1	L25
L24	(preprocessing or pre-processing) and feature and class$8 and image near data and extract$6	1084	L24
L23	(preprocessing or pre-processing) and feature and class$8	4984	L23
L22	5649068.pn.	2	L22
DB=USPT; PLUR=NO; OP=OR			
L21	5649068.pn.	1	L21
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR			
L20	6,128,608.pn.	2	L20
L19	training adj set near processor	2	L19

L18	"training set" near processor and feature and class$2	0	L18
L17	"training set" near processor and (preprocessing or pre-processing) and feature and class$2	0	L17
L16	"training set" same processor and (preprocessing or pre-preprocesing) and feature and classes	10	L16
L15	"training set" near processor and (preprocessing or pre-preprocesing) and feature and classes	0	L15
L14	L13 and preprocess	0	L14
L13	"training set" near "image data"	5	L13
L12	5,999,639.pn.	2	L12
L11	6,115,488.pn.	2	L11
L10	L6 and training near test	17	L10
L9	L6 training near test	1121	L9
L8	L6 and "training" near "image"	1	L8
L7	L6 and "training set" near "image data"	1	L7
L6	706/16.ccls.	295	L6
L5	5,479,573.pn.	2	L5
L4	5,729,661.pn.	2	L4
L3	5,842,189.pn.	2	L3
L2	10/017,015	2	L2
L1	10/016,616	1	L1

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Web

Definitions of **preprocessing** on the Web:

Perform some transformation of the input or target data before it is presented to the neural network.
www.mathworks.com/access/helpdesk/help/toolbox/nnet/a_gloss.shtml

the process of preparing finite element input data involving model creation, mesh generation, material definition, and load and boundary condition application.
www.cosmosm.com/support/glossary.htm

Enhancement, transformation, or filtering of images before processing.
www.bannerengineering.com/literature_resources/reference/glossary_pplus.html

ANSYS analysis phase where you provide data such as the geometry, materials, and element types to the program.
www.nmt.edu/~ansys/ansys-5.5/glossary.htm

Computer processes certain data (files) before compilation of a given program.
cot.mccneb.edu/jmcgaha/Glossary.htm

In the phase of preprocessing there are all steps, that hang together with data preparing for the Rapid Prototyping systems. Here are included e.g. data transformation from CAD systems in STL format. Another step is creation of supporting geometry and the process of slicing - creation of individual slices, that are the basis for model production , layer by layer.
dempcae.fme.vutbr.cz/defbase/show-def.asp

Initial stages of data processing.
nivel.euitto.upm.es/tele/AYU/Dic/GLOS/GLOSPQ.HTM

a stage of compilation processing that occurs before the compiler proper is invoked. Preprocessing handles macro expansion among other things. In C++ use of const and inline functions makes preprocessing less important.
utam.geophys.utah.edu/~jingchen/computer_resource/C++C/glos.htm

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